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OCT 13 2005
PATENT & TRADEMARK OFFICE

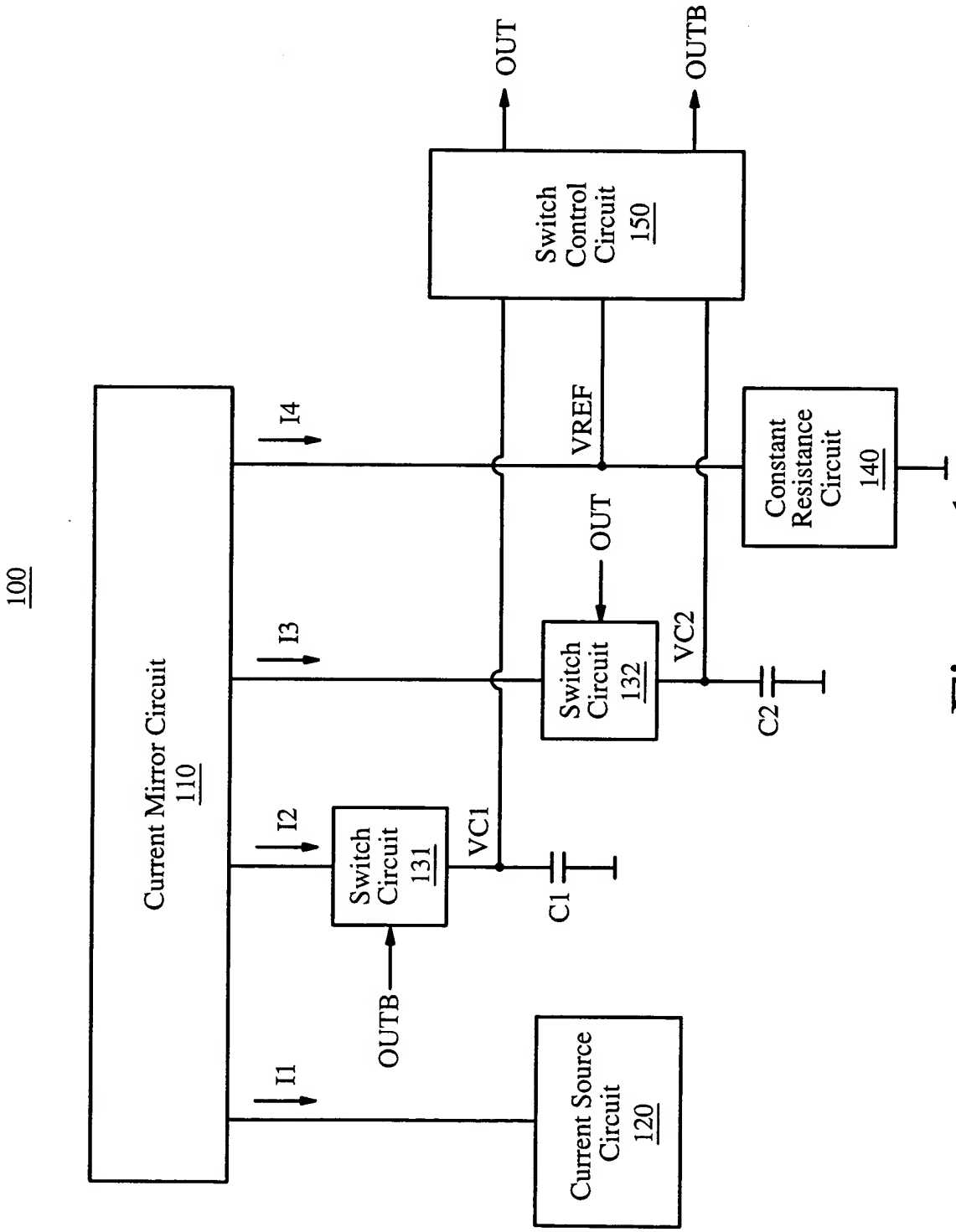
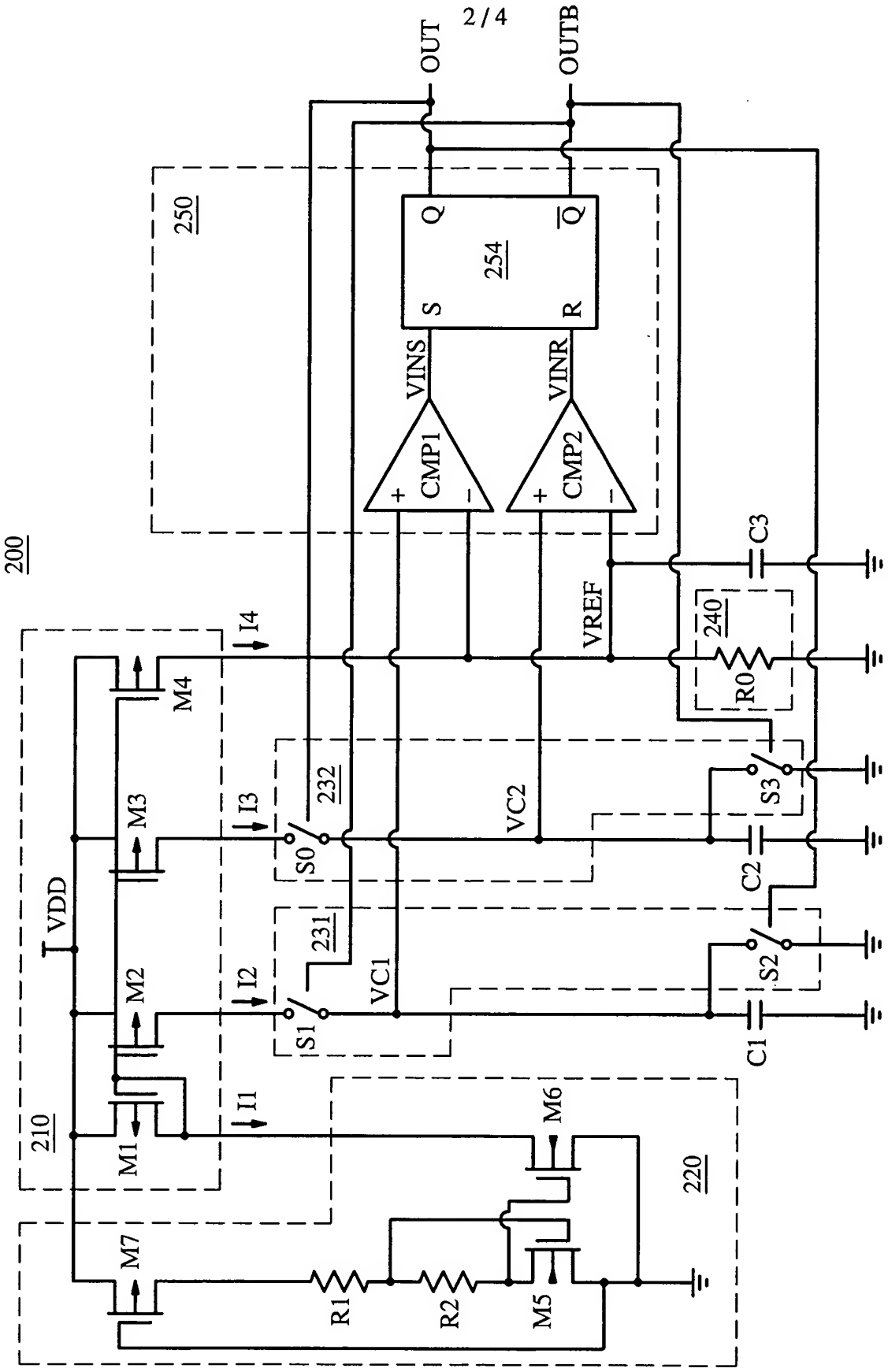


Figure 1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OUTB
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Q
$\overline{Q}$
254
S
R
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VINR
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CMP2
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C3
VREF
240
R0
I4
M4
M3
I3
232
S0
VC2
S3
C2
VDD
231
VC1
S2
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I2
S1
C1
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M1
M6
220
M7
R1
R2
M5

Figure 2

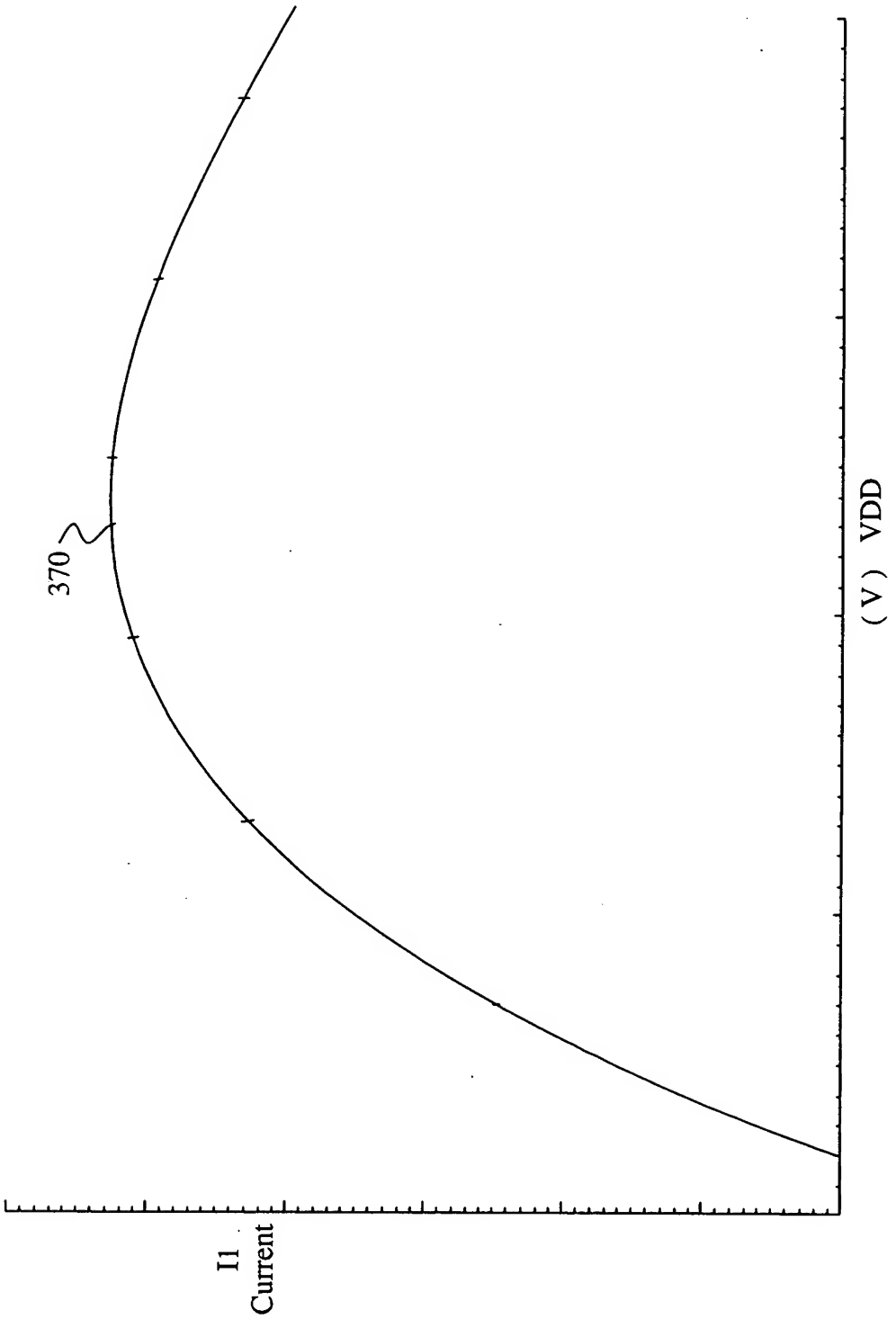

Figure 3

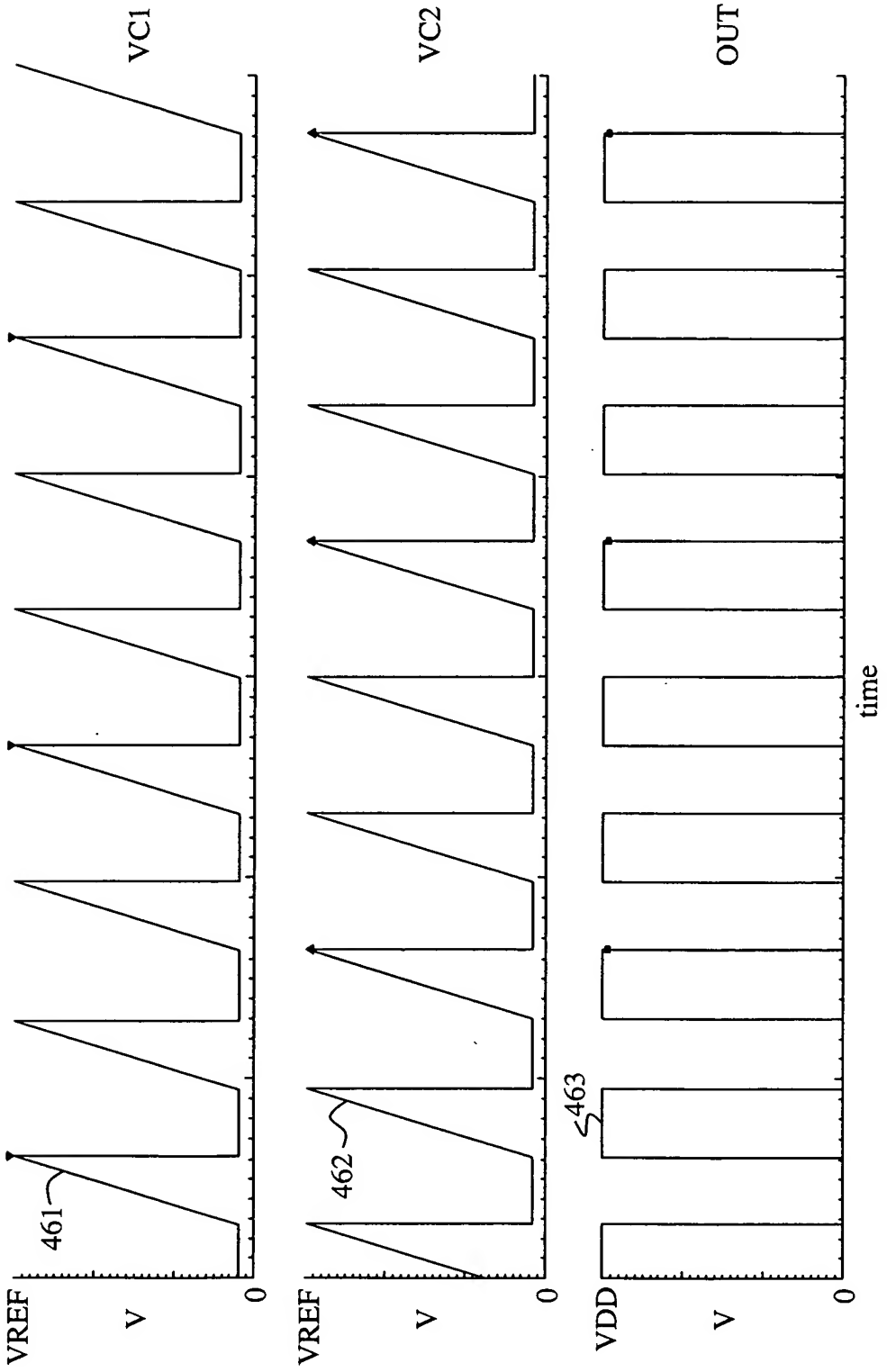

Figure 4